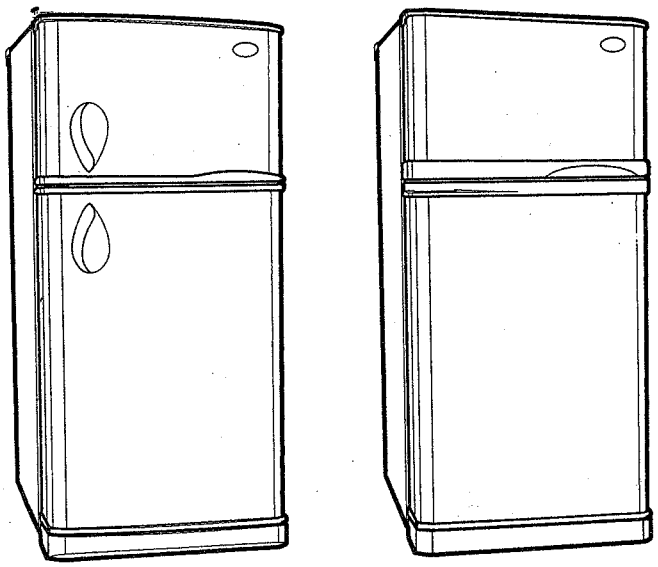
LG

REFRIGERATOR

SERVICE MANUAL

CAUTION
BEFORE SERVICING THE UNIT, READ THE "SAFETY PRECAUTIONS" IN THIS MANUAL.



MODEL: GR-572TVF

COLOR: SILKY GREY

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SAFETY PRECAUTIONS

Please read the followings before servicing your refrigerator.

1. Check if an electric leakage occurs in the set.
2. To prevent electric shock, unplug prior to servicing.
3. In case of testing with power on, wear rubber gloves to prevent electric shock.
4. If you use any appliances, check regular current, voltage and capacity.
5. Don't touch metal products in cold freezer with wet hand. It may cause frostbite.
6. Prevent water flowing to electric elements in mechanical parts.
7. When you stand up during observing the lower part with the upper door open, move with care to prevent head wound which may happen by hitting the upper door.
8. When sloping the set, remove any materials on the set, especially thin plate type. (ex.: glass shelf or books.)
9. When servicing evaporator part, wear cotton gloves without fail. It is to prevent wound by sharp fin of evaporator.
10. Leave a breakage of refrigerating cycle to a heavy service center. The gas in cycle inside may soil ambient air.

SERVICING PRECAUTIONS

Air Recharging in Compressor

Test the refrigeration by connecting it electrically before refilling operation. It is necessary to ascertain the function of the motor-compressor and identify the defects immediately. If the defects have been found, empty the old system of eventual R-134a residue by breaking off the end of the extension piece at its narrow point. (Figure 1)

Replace the filter and any damaged components. Unsolder and pull off the piece remaining inside the service tube and then attach an extension completely with male Hansen and last, solder it to the same tube again. (Figure 2)

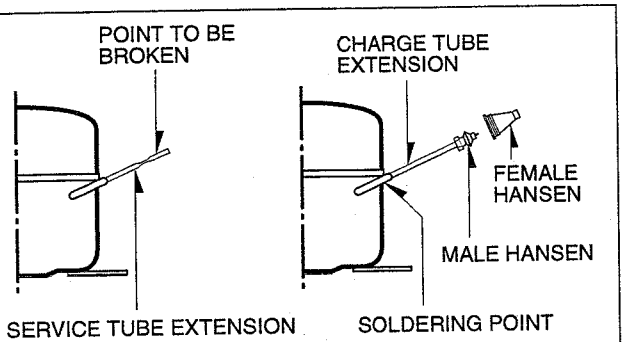


Figure 1

Figure 2

It is necessary to execute the soldering operation with valve open so that the fumes caused by oil residue can come out freely without blowholes between two tubes during heating the point to be soldered.

The extension fitted with the male Hansen is connected to the female fitting of the vacuum pump tube. (Figure 3)

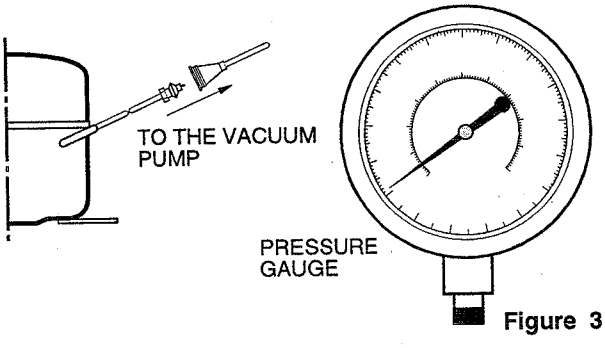


Figure 3

Air evacuating from the system begins so soon as the pump starts. The refrigeration system must be kept under vacuum until the reading on the low-pressure gauge indicates vacuum (0 absolute, -1 atm., -760 mm hg) in any case it is advisable to keep the pump running for about 30 minutes. (Figure 3)

In case that a considerable leakage occurs and to stop the vacuum pump will be necessary and add a small quantity of Freon to the system, if vacuum should not be obtained (pressure gauge can't fall to 1 atmosphere), start the refrigeration unit and find the leakage with the special leak-finder. When the defective soldering point is visible, re-do it after opening the extension tube valve and reestablishing the normal outside pressure inside the group.

Because the melted alloy is sucked into the tubes and block them, the pressure must be rebalanced when vacuum is in the system in soldering. As soon as the vacuum operation is over, add the quantity in grams of R-134a to the refrigerant system. Remember that every system has an exact quantity of R-134a with a tolerance of ±5 grams that can be added. (Figure 4)

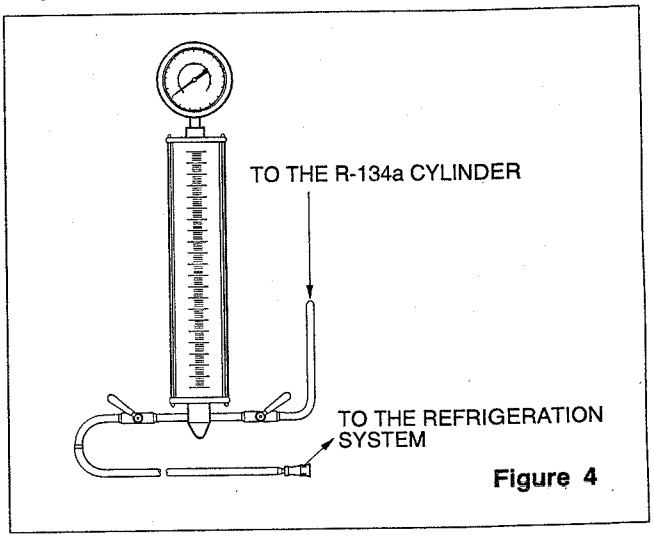


Figure 4

Before performing this operation (if the vacuum pump and refilling cylinder are connected), make sure that the valve placed between the vacuum pump and refilling tube are closed to keep the Freon for adding to the system. (Figure 5)

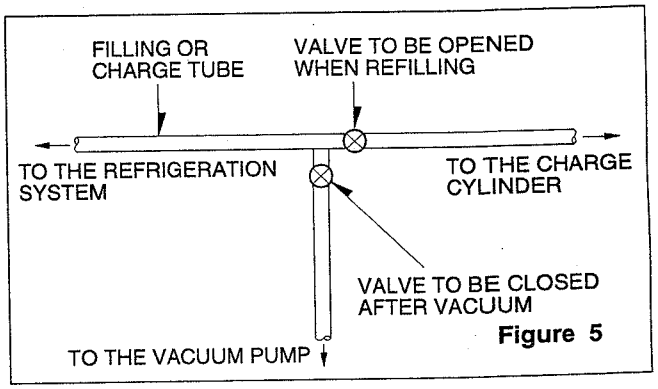

FILLING OR CHARGE TUBE
VALVE TO BE OPENED WHEN REFILLING
TO THE REFRIGERATION SYSTEM
TO THE CHARGE CYLINDER
VALVE TO BE CLOSED AFTER VACUUM
TO THE VACUUM PUMP

Figure 5

In addition, check the graduated scale on the cylinder for the quantity of R-134a to be added, for example, if we have 750 grams of Freon in the cylinder and must add 165 grams to the group, this amount will be reached when R-134a has dropped to 585 grams, remembering that the indicator shows a lower limit of meniscus. Do this after choosing the scale corresponding to the gas pressure different scales reported as the same gas pressure indicated by the pressure gauge on the top of the column.

To make R-134a flow into the system, open the valve placed at the base of the cylinder and connected to the filling tube. The amount of Freon cannot be added to the system all at once because it may cause a blocking of motor-compressor. Therefore, proceed by adding original quantity of about 20-30 grams and close the valve immediately.

The pressure rises and the motor-compressor must start, sucking the gas and making the pressure go down again. Regulate the valve again, maintaining the same manner until reaching to the quantity of R-134a established for the system being charged. When the system is running, the suction pressure must be stabilized between 0.30 to 0.6 atmosphere.

1. SPECIFICATIONS

ITEMS		SPECIFICATIONS
NET CAPACITY (l)	FREEZER	126
	REFRIGERATOR	334
	TOTAL	460
DIMENSIONS (mm)		755(W)x713(D)x1777(H)
NET WEIGHT (kg)		83
COOLING SYSTEM		Fan Cooling
TEMPERATURE CONTROL		Knob Dial
DEFROSTING SYSTEM		Full Automatic Heater Defrost With a Timer
OUT CASE		Coated Steel Sheet
INNER CASE		A B S
INSULATION		Polyurethane Foam

ITEMS		SPECIFICATIONS
SHELF	FREEZER	1 EA
	REFRIGERATOR	2 EA(*)
VEGETABLE TRAY		Drawer Type
EGG TRAY		2 Pieces
ICE TRAY		2 Pieces (Plastic)
ICE BANK		1 Piece
COMPRESSOR		P.T.C Starting Type
EVAPORATOR		Fin Tube Type
CONDENSER		Wire Condenser
REFRIGERANT		R-12(165g) / R134a(135g)
DEFROSTING DEVICE		L-CORD, TE-PLATE HEATER

(*) : OPTION

2. PARTS IDENTIFICATION

FREEZER COMPARTMENT

Freezer Dial

Freezer Lamp

Freezer Shelf

Ice Trays

Ice Cube Box

REFRIGERATOR COMPARTMENT

Lamp

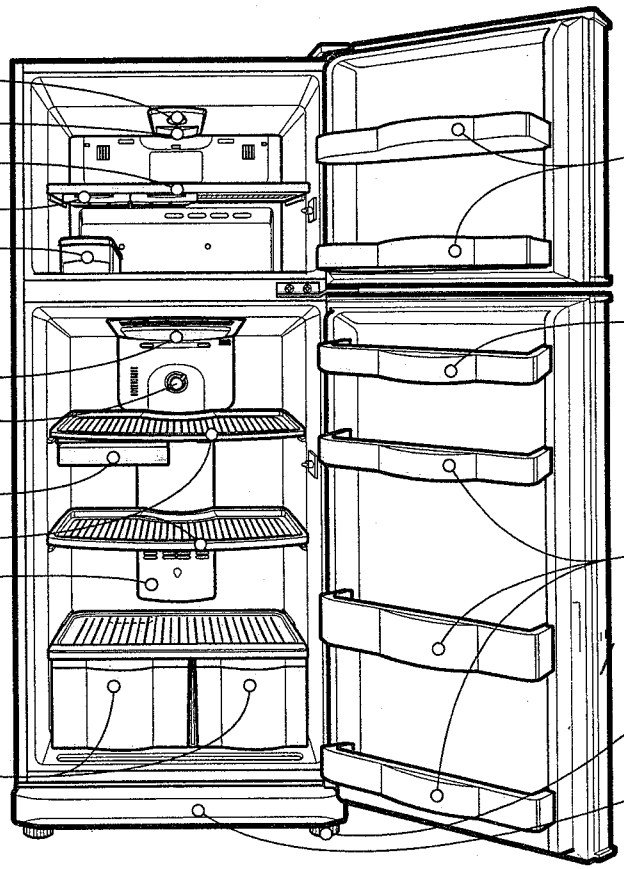
Temperature Control Dial

Chilled Room

Shelves

Multi Flow Duct
Distributes cold air through the shelves to each part of refrigerator compartment and draws in cold air for circulating.

Vegetable Drawer
Used to keep fruits and vegetables, etc. fresh and crisp.



Freezer Door Rack

Egg Storage Rack

Refrigerator Door Rack

Leveling Screw

Cover Lower

NOTE : This is a basic model. The shape of refrigerator is subject to change.

3. DISASSEMBLY

3-1 DOOR

● Freezer Door

1. Remove the hinge cover by pulling it upwards.
2. Loosen hexagonal bolts fixing the upper hinge to the body and lift the freezer door.

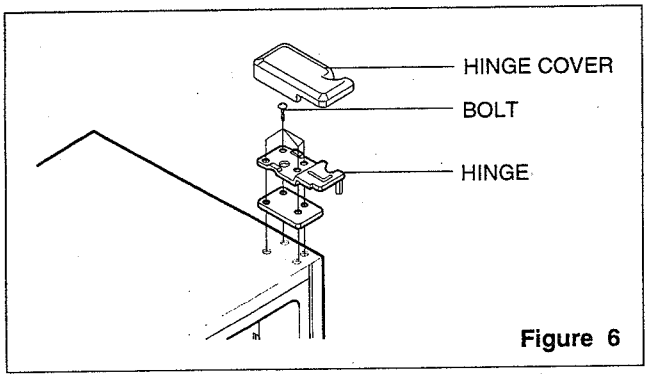


Figure 6

3. Pull out the door gasket to remove from the door foam Ass'y.

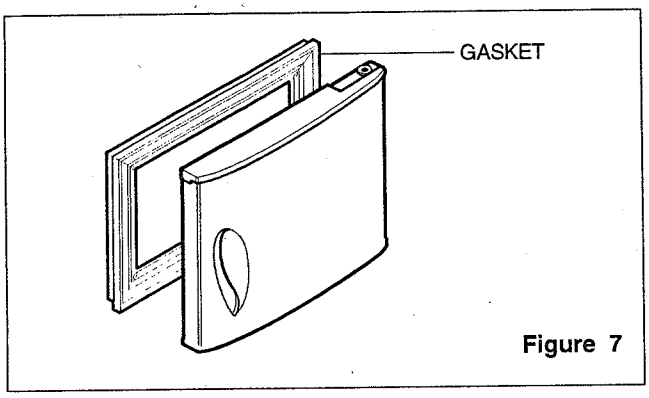


Figure 7

● Refrigerator Door

1. Loosen hexagonal bolts fixing the lower hinge to the body to remove the refrigerator door only.

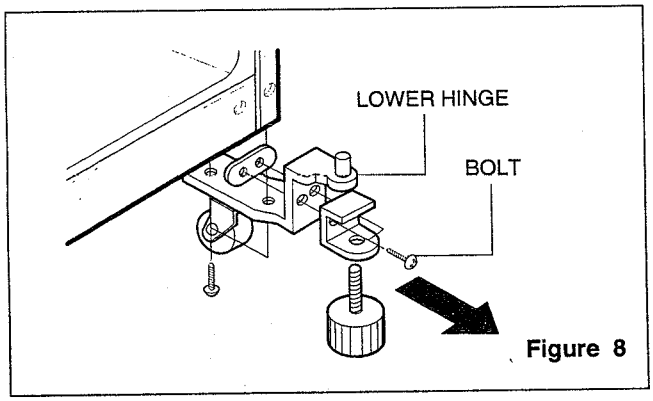


Figure 8

2. Pull out the door gasket to remove from the door foam Ass'y.

3-2 DOOR SWITCH

1. To remove the door switch, pull out it with a '—' type driver as shown in (figure 9).
2. Disconnect the lead wire from the switch.

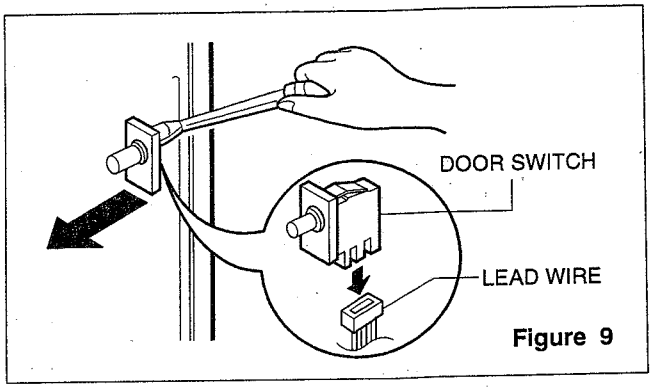


Figure 9

3-3 THERMOSTAT

1. Remove the freezer shelf.
2. Remove the Cover Lamp-F and Control Box-F by loosening 2 screw fixed to ceiling of Inner Case (Figure 10)
3. Remove the Control Box-F by loosening 2 screws after detaching the cap.
4. Pull the Control Box Assy down and, separate the thermostat and Control Box-F.
5. Remove the thermostat by disconnecting the lead wire.

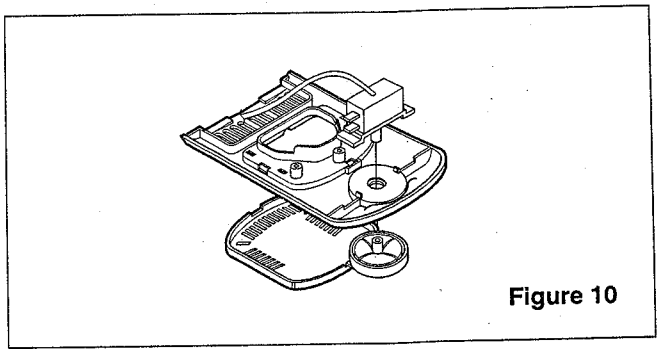


Figure 10

3.4 FAN AND FAN MOTOR

1. Remove the freezer shelf.
2. Remove the Cover Lamp-F and Holder Cover Lamp by loosening 2 screw fixed to ceiling of Inner Case.

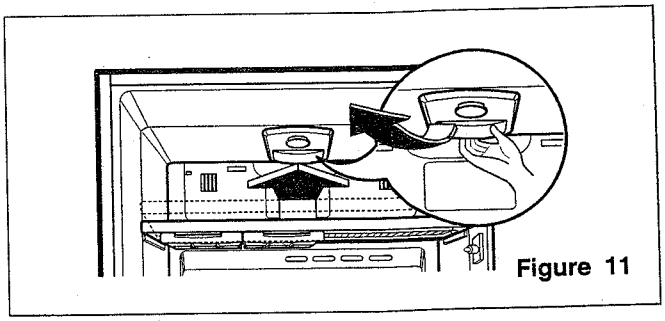


Figure 11

3. Remove the Grille by pulling it out.
4. Pull out the Shroud and remove the Fan Motor Assy by loosening 2 screws.
5. Pull out the fan and, separate the Fan Motor, Brackets and the Guide Fan.

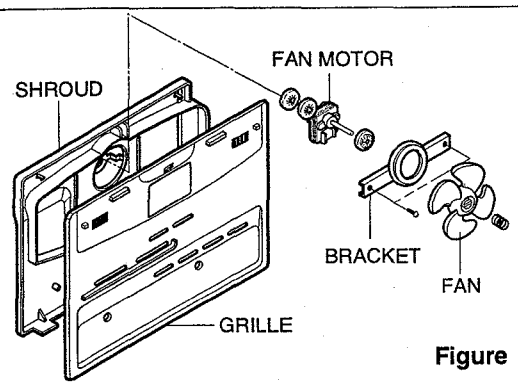


Figure 12

3-5 DEF' CONTROL ASSY

Def control Assy consists of Defrost Thermostat and FUSE–M.

Defrost Thermostat functions to defrost automatically and it is attached to metal side of the Evaporator and senses Temp.

Fuse-M is a kind of safety device for preventing over-heating of the Heater when defrosting.

At the temperature of 77°C, it stops the emission of heat from the Heater.

1. Pull out the Shroud after removing the Grille.
2. Separate the connector connected with the Def Control Assy and replace the Def Control Assy after cutting the Tie Wrap and removing the Holder Fuse. (Figure 14)

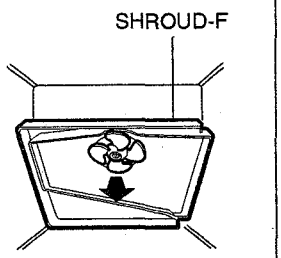


Figure 13

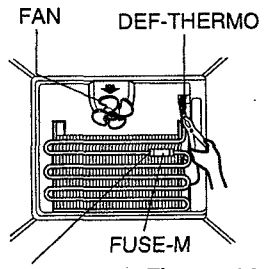


Figure 14

3-6 LAMP

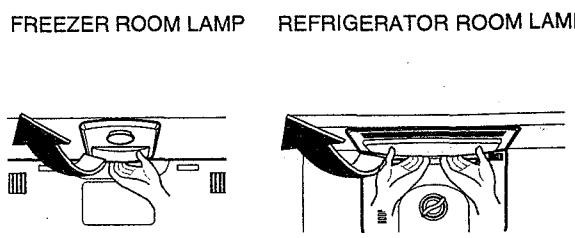


Figure 16 Figure 17

3-6-1 Freezer room lamp

1. Unplug the power cord from the outlet.
2. Remove the room lamp lid by taking down while pulling it forward with your hand after inserting finger into the inside hole as shown in (figure 16).
3. Remove the lamp by turning it counterclockwise.
4. Assemble in reverse order of disassembly. Replacement bulb must be the same specication as original.

3-6-2 Refrigerator room lamp

1. Unplug the power cord from the outlet.
2. Remove refrigerator shelves.
3. Remove the room lamp lid by taking down while pulling forward with your hands as shown in (figure 17).
4. Turn the lamp counterclockwise.
5. Assemble in reverse order of disassembly. Replacement bulb must be the same specification as original.

3-7 CONTROL BOX-R

1. First, remove all shelves in the refrigerator.

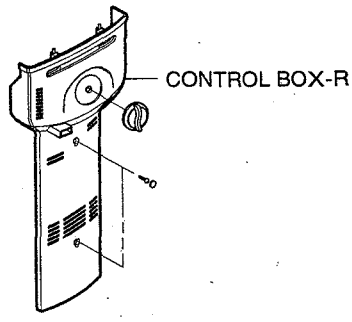


Figure 18

2. Loosen 2 screws fixing the Control Box-R to the Inner Case after detaching the cap screw.
3. Remove the Control Box-R by pulling it downward.

4. ADJUSTMENT

4-1 COMPRESSOR

4-1-1 Role

The compressor inhales low temperature and low pressure gas evaporated from Evaporator of the Refrigerator, and condenses this gas to high temperature and high pressure gas, and then plays delivering role to Condenser.

4-1-2 Composition

The Compressor is Composed of Compressor Apparatus compressing gas, Compressor Motor moving Compressor Apparatus and Case protecting Compressor Apparatus and Motor. There are PTC-Starter, and Over Load Protector (OLP) in the Compressor outside. On the other hand, because the Compressor consists of 1/1000mm processing precision components and is sealed after producing without dust or humidity, deal and repair with care.

4-1-3 Note to Use

(1) Be careful not to allow over-voltage and over-current.

(2) No Strike

If applying forcible power or strike (dropping or careless dealing), poor operation and noise may occur.

(3) Use proper electric components appropriate to the Compressor.

(4) Note to Keep Compressor.

If Compressor gets wet in the rain and rust in the pin of Hermetic Terminal, poor operation and poor contact may cause.

(5) Be careful that dust, humidity, and flux due to welding don't inflow in Compressor inside in replacing Compressor. Dust, humidity, and flux due to welding which inflows to Cylinder may cause lock and noise.

4-2 PTC-STARTER

4-2-1 Composition of PTC-Starter

(1) PTC (Positive Temperature Coefficient) is no-contact semiconductor starting device which uses ceramic material and the material consists of $BaTiO_3$.

(2) The higher the temperature is, the higher resistance value becomes . These features are used as starting device of Motor.

4-2-2 Role of PTC-Starter

(1) PTC is attached to Hermetic Compressor used for Refrigerator, Show Case and starts Motor.

(2) Compressor for household refrigerator applies single-phase induction Motor.

For normal operation of single-phase induction motor, in the starting operation flows in both main coil and sub-coil. After the starting is over, the current is cut off in subcoil. The proper features of PTC play the above all roles. So, PTC is used as a starting device of motor.

4-2-3 PTC-Applied Circuit Diagram

● **According to Starting Method of Motor**

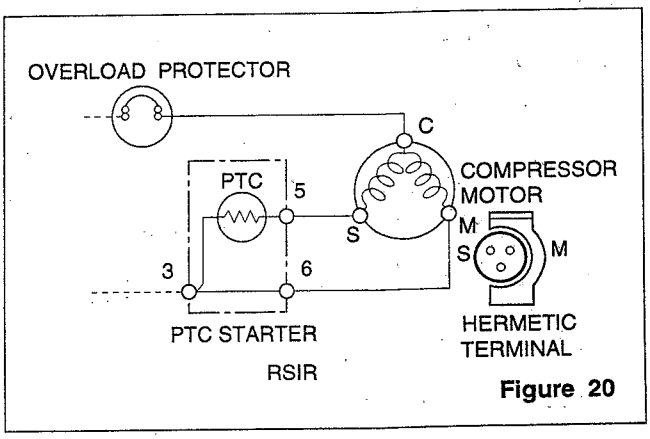


Figure 20

4-2-4 Motor Restarting and PTC Cooling

(1) For restarting after power off during normal Compressor Motor operation, plug the power cord after 5 min. for pressure balance of Refrigerating Cycle and PTC cooling.

(2) During normal operation of Compressor Motor, PTC elements generate heat continuously. Therefore, if PTC isn't cooled for a while after power off, Motor can't operate again.

4-2-5 Relation of PTC-Starter and OLP

(1) If power off during operation of Compressor and power on before PTC is cooled, (instant shut-off within 2 min. or reconnect a power plug due to misconnecting), PTC isn't cooled and a resistance value grows. As a result, current can't flow to the sub-coil and Motor can't operate and OLP operates by flowing over current in only main-coil.

(2) While the OLP repeats on and off operation about 3-5 times, PTC is cooled and Compressor Motor performs normal operation.

If OLP doesn't operate when PTC is not cooled, Compressor Motor is worn away and causes circuit-short and fire. Therefore, use a proper fixed OLP without fail.

4-2-6 Note to Use PTC-Starter

(1) Be careful not to allow over-voltage and over-current.

(2) No Strike

Don't apply a forcible power or strike.

(3) Keep apart from any liquid.

If liquid such as oil or water inflows into PTC, PTC materials it may break due to insulation breakdown of material itself.

(4) Don't change PTC at your convenience.

Don't disassemble PTC and mold. If damaging to outside of PTC-starter, resistance value alters and poor starting of compressor motor may cause.

(5) Use a properly fixed PTC.

4-3 OLP (OVER LOAD PROTECTOR)

4-3-1 Definition of OLP

(1) OLP (OVER LOAD PROTECTOR) is attached to Hermetic Compressor and protects Motor by cutting off current in Compressor Motor by Bimetal in the OLP in case of over-rising temperature.

(2) When over-voltage flows to Compressor motor, Bimetal works by heating the heater inside OLP, and OLP protects Motor by cutting off current which flows to Compressor Motor.

4-3-2 Role of OLP

(1) OLP is attached to Hermetic Compressor used to Refrigerator and Show Case and prevents Motor Coil from being started in the Compressor.

(2) Do not turn the Adjust Screw of OLP in any way for normal operation of OLP.
(Composition and connection Diagram of OLP)

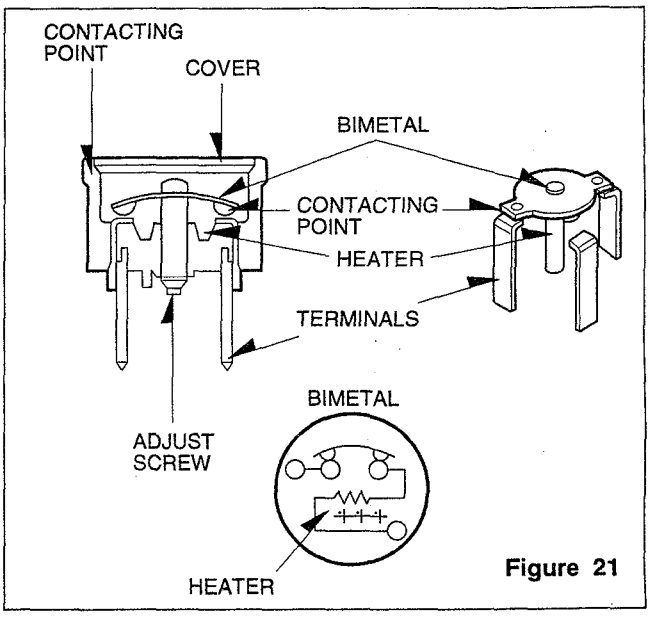
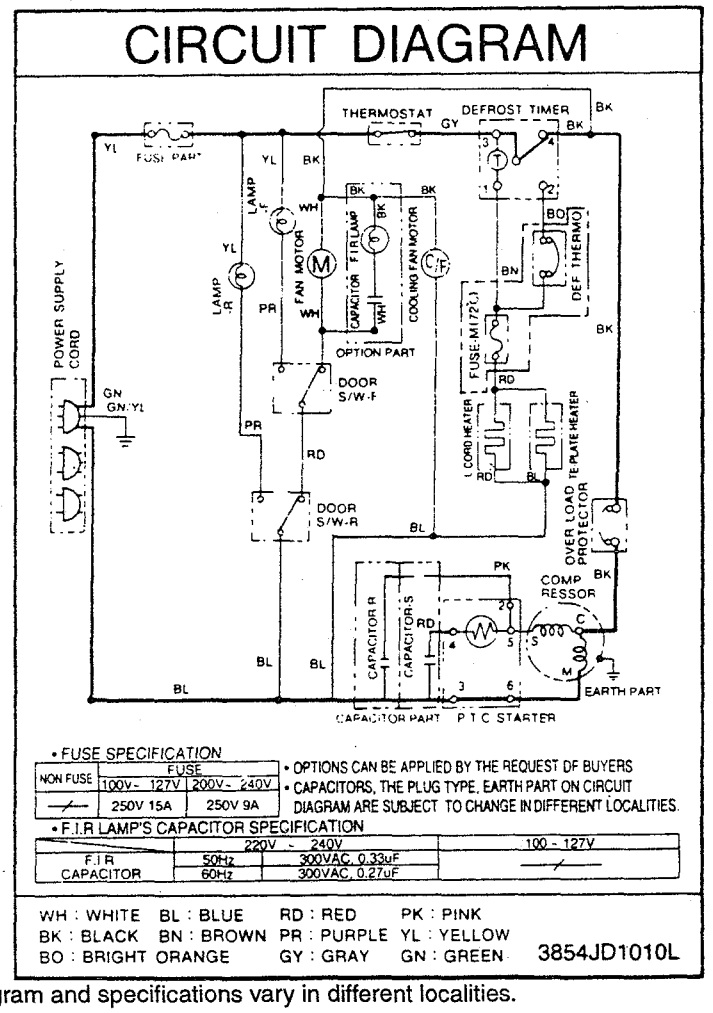


Figure 21

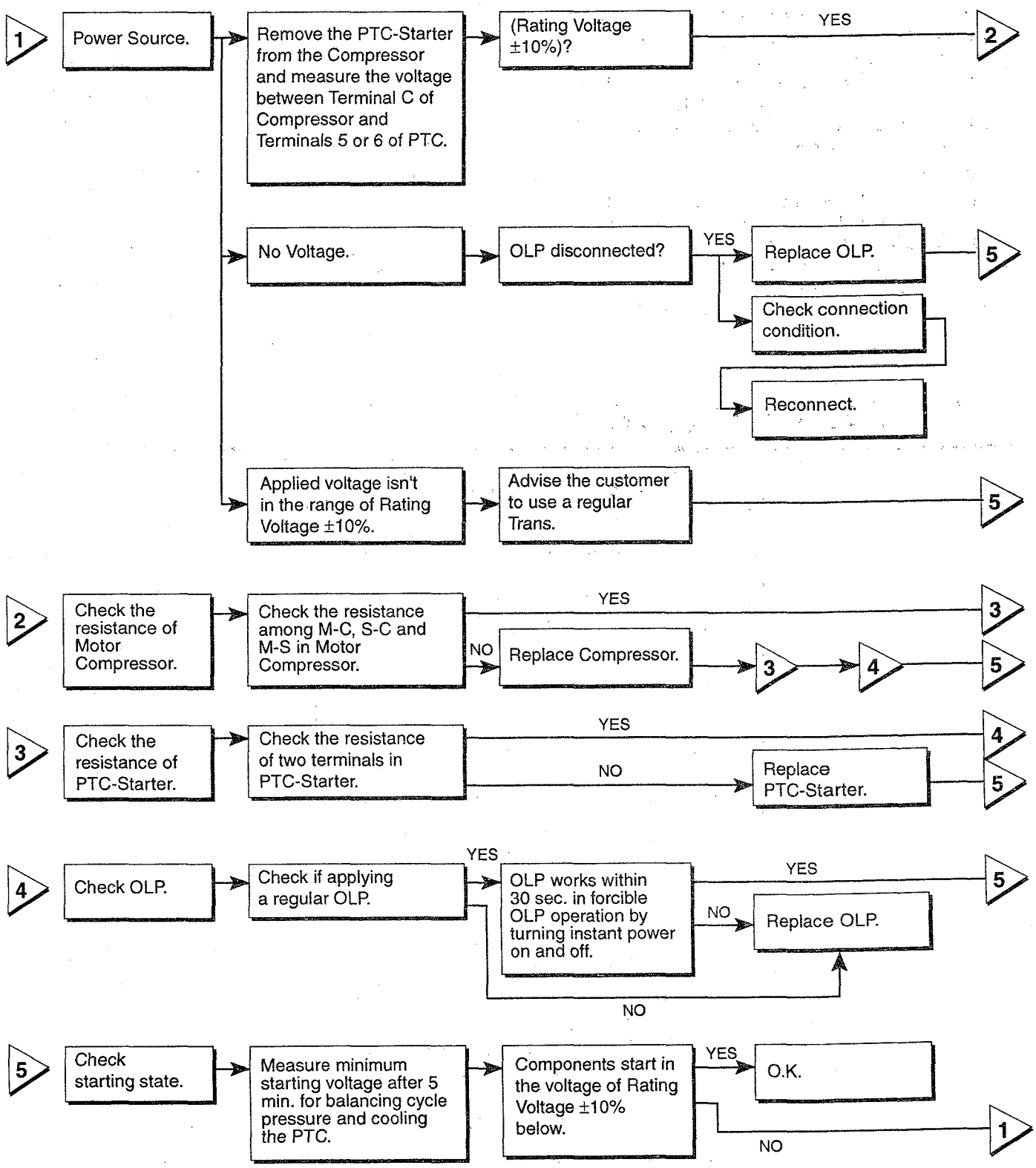
5. CIRCUIT DIAGRAM



NOTE : 1. This is a basic diagram and specifications vary in different localities.

6. TROUBLESHOOTING

6-1 COMPRESSOR AND ELECTRIC COMPONENTS



6-2 PTC AND OLP

Normal operation of Compressor is impossible or poor.

Separate the PTC from Compressor and measure the resistance between No. 5 and 6 (only RSIR Type) or No. 4 and 5 of PTC with a Tester or Whistone Bridge. (Figure 22)

- Observation value is
  220V/50Hz : 22 Ω ±30%
  115V/60Hz : 6.8 Ω ±30%
  240V/50Hz : 33 Ω ±30%
  127, 220V/60Hz : 22 Ω ±30%
  → Check another electric components.
- The resistance value is 0 or several hundreds Ω.
- The value is ∞.

  → Replace PTC.

Separate the OLP from Compressor and check resistance value between two terminals of OLP with a Tester. (Figure 23)

- YES → Check another electric components.
- NO → Replace OLP.

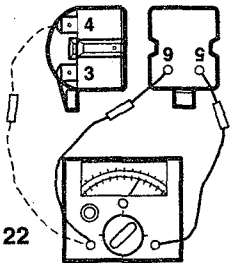


Figure 22

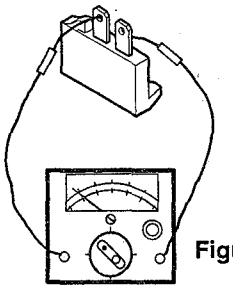


Figure 23

6-3 DEFROST TIMER

Normal operation of the Defrost Timer is impossible.

No defrosting.

Poor cooling.

Position the Cam Shaft to the point of first 'click' sound and check the current between terminals No. 1 (brown) and No. 2 (bright orange). Next, position the Cam Shaft to the point of second 'click' sound and check the current between terminals No. 1 (brown) and No. 4 (black). (Figure 24).

- NO → The resistance is ∞ → Replace the Defrost Timer.
- YES → The resistance is 0 Ω or variable. → Replace the Defrost Timer.
- The resistance is about
  220V 50/60Hz : 7~30k Ω
  120V 50/60Hz : 3~ 5k Ω
  → .Check the other electric components.

Turn the Cam Shaft. → NO → Replace the Defrost Timer.

Shake about 3 times with holding the Cam Shaft and Body softly. → Loud "click" sound. → Replace the Defrost Timer.

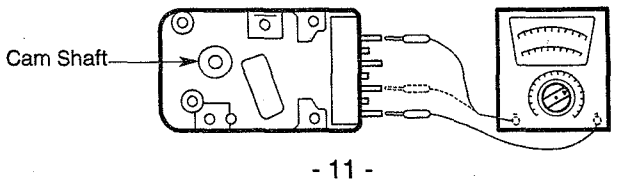
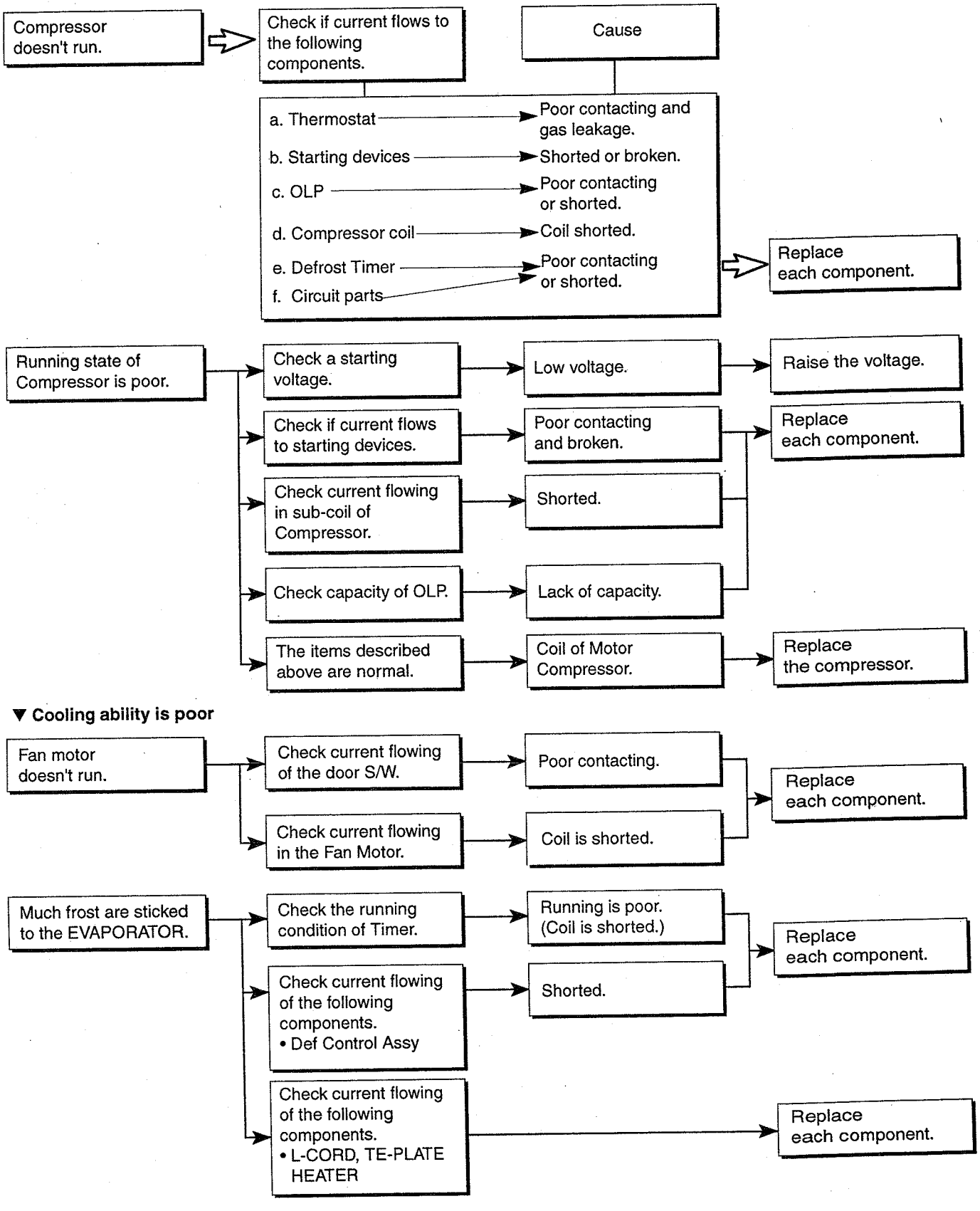


Figure 24

6-4 ANOTHER ELECTRIC COMPONENTS

▼ Cooling is impossible



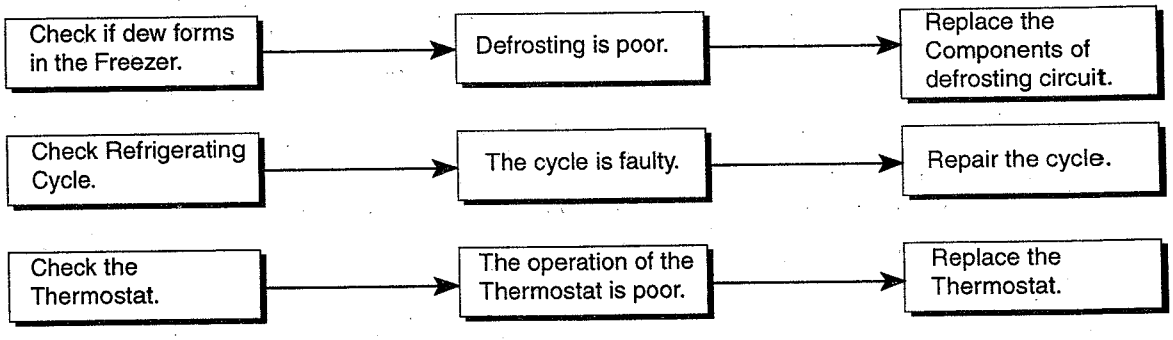
▼ Cooling ability is poor

Fan motor doesn't run.
Check current flowing of the door S/W.
Poor contacting.
Check current flowing in the Fan Motor.
Coil is shorted.
Replace each component.
Much frost are sticked to the EVAPORATOR.
Check the running condition of Timer.
Running is poor. (Coil is shorted.)
Check current flowing of the following components.
• Def Control Assy
Shorted.
Replace each component.
Check current flowing of the following components.
• L-CORD, TE-PLATE HEATER
Replace each component.

6-5 SERVICE DIAGNOSIS CHART

COMPLAINT	POINTS TO BE CHECKED	REMEDY
Cooling is impossible.	• Is the power cord unplugged from the outlet? • Check if the power S/W is setted to OFF. • Check if the fuse of power S/W is shorted. • Measure the voltage of power outlet.	• Plug to the outlet. • Set the switch to ON. • Replace a regular fuse. • If voltage is low, wire newly.
Cooling ability is poor.	• Check if the set is placed close to wall. • Check if the set is placed close to stove, gas cooker and direct rays. • Is the ambient temperature high or the room door closed? • Check if putting in hot food. • Did you open the door of the set too often or check if the door is closed up? • Check if the Thermostat is set to "WARM (1)"	• Place the set with the space of about 10cm. • Place the set apart from these heat sources. • Make the ambient temperature below. • Put in food after they get cold. • Don't open the door too often and close it firmly. • Set the knob to "MID (2)"
Food in the Refrigerator are frozen.	• Are food placed in cooling air outlet? • Check if the Thermostat is set to "COLD (3)". • Is the ambient temperature within 5°C?	• Place food in high temperature section. (Front Part) • Set the knob to "MID (2)" • Set the knob to "WARM (1)"
Dew or ice forms in the chamber of the set.	• Are watery food kept? • Check if putting in hot food. • Did you open the door of the set too often or check if the door is closed up.	• Seal up watery food with vinyl wrap. • Put in food after getting cold. • Don't open the door too often and close it firmly.
Dew forms in the Out Case.	• Check if ambient temperature and humidity are high. • Is the gap in the door packing?	• Wipe dew with a dry cloth. This happening is solved in low temperature and humidity naturally. • Fill up the gap.
Abnormal noise generates.	• Is the set positioned in a firm and even place? • Does any unnecessary objects exist in the back side of the set? • Check if the Cover Evaporating Tray is omitted. • Check if the cover of mechanical room in below and front side is taken out.	• Adjust the Leveling Screw, and place in the firm place. • Remove the objects. • Place it on an original position. • Place the cover at an original position.
To close the door is not handy.	• Check if the door packing becomes dirty by filth such as juice. • Is the set positioned in a firm and even place? • Are too much food put in the set?	• Clean the door packing. • Position in the firm place and adjust the Leveling Screw. • Keep foods from reaching to the door.
Ice and food smell unpleasant.	• Check if the inside of the set becomes dirty. • Did you keep smelly foods without wraping? • It smells plastic.	• Clean the inside of the set. • Wrap smelly food. • The new products smell plastic, but it is removed after 1-2 weeks.

● In addition to the items described above, refer to the followings to solve the complaint.


Check if dew forms in the Freezer.
Defrosting is poor.
Replace the Components of defrosting circuit.
Check Refrigerating Cycle.
The cycle is faulty.
Repair the cycle.
Check the Thermostat.
The operation of the Thermostat is poor.
Replace the Thermostat.

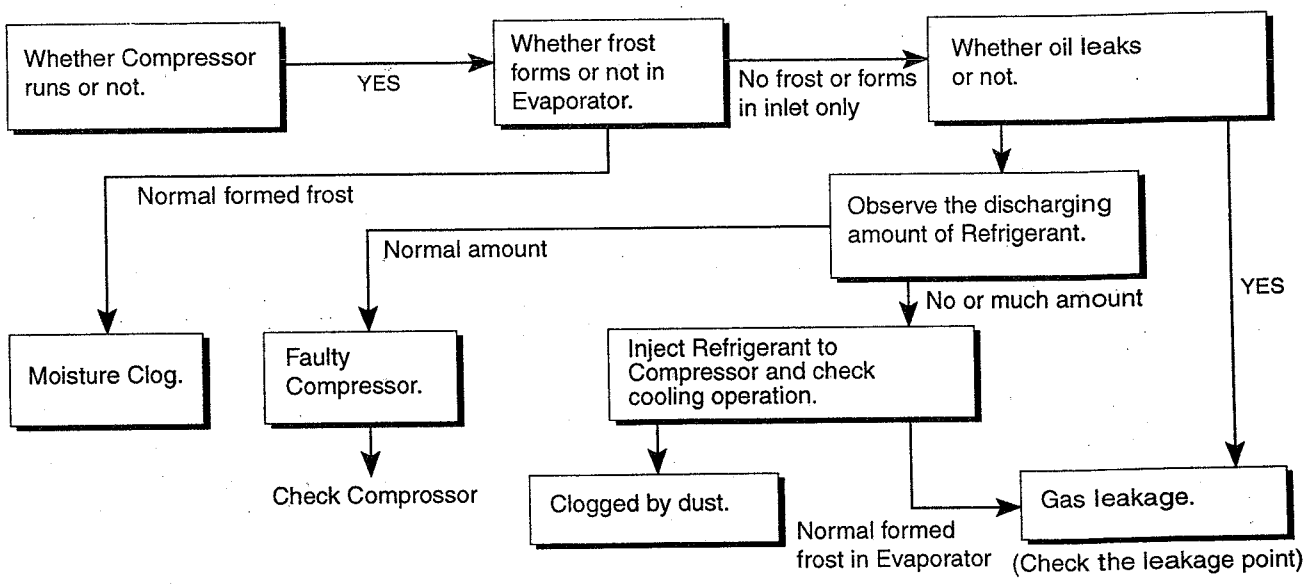
6-6 REFRIGERATING CYCLE

▼ Troubleshooting Chart

CAUSE		STATE OF THE SET	STATE OF THE EVAPORATOR	TEMPERATURE OF THE COMPRESSOR	REMARKS
LEAKAGE	PARTIAL LEAKAGE	Freezer and Refrigerator don't get cold normally.	Low flowing sound of Refrigerant is heard and frost forms in inlet only	A little high more than ambient temperature.	• A little Refrigerant discharges. • Normal cooling is possible when injecting Refrigerant of regular amount.
	WHOLE LEAKAGE	Freezer and Refrigerator don't get cold at all.	Flowing sound of Refrigerant is not heard and frost isn't formed.	Equal to ambient temperature.	• No discharging of Refrigerant. • Normal cooling is possible when injecting Refrigerant of regular amount.
CLOGGED BY DUST	PARTIAL CLOG	Freeze room and Refrigerator don't get cold normally.	Flowing sound of Refrigerant is heard and frost forms in inlet only.	A little high more than ambient temperature.	• Normal discharging of refrigerant. • The capillary tube is faulty.
	WHOLE CLOG	Freezer and Refrigerator don't get cold.	Flowing sound of Refrigerant is not heard and frost isn't formed.	Equal to ambient temperature.	• Normal discharging of Refrigerant.
MOISTURE CLOG		Cooling operation stops periodically.	Flowing sound of Refrigerant is not heard and frost melts.	Low than ambient temperature	• Cooling operation restarts when heating the inlet of capillary tube.
DEFECTIVE COMPRESSION	COMP-RESSION	Freezer and Refrigerator don't get cold.	Low flowing sound of Refrigerant is heard and frost forms in inlet only.	A little high than ambient temperature.	• The pressure of high pressure part in compressor is low.
	NO COMP-RESSION	No compressing operation.	Flowing sound of Refrigerant is not heard and no frost.	Equal to ambient temperature.	• No pressure of high pressure part in compressor.

▼ Leakage Detection

Observe discharging point of refrigerant which may be in oil discharging part in compressor and hole of evaporator.

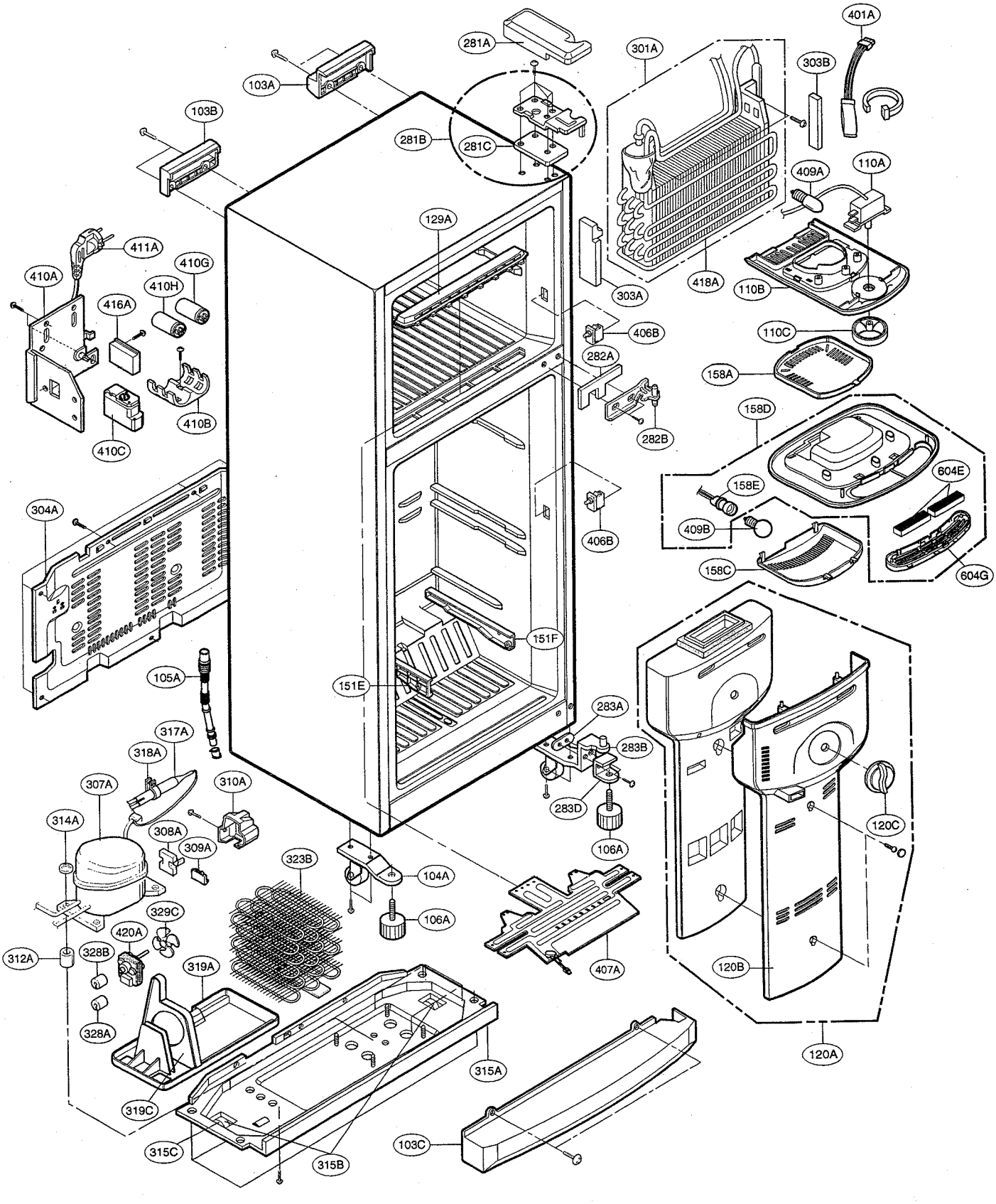


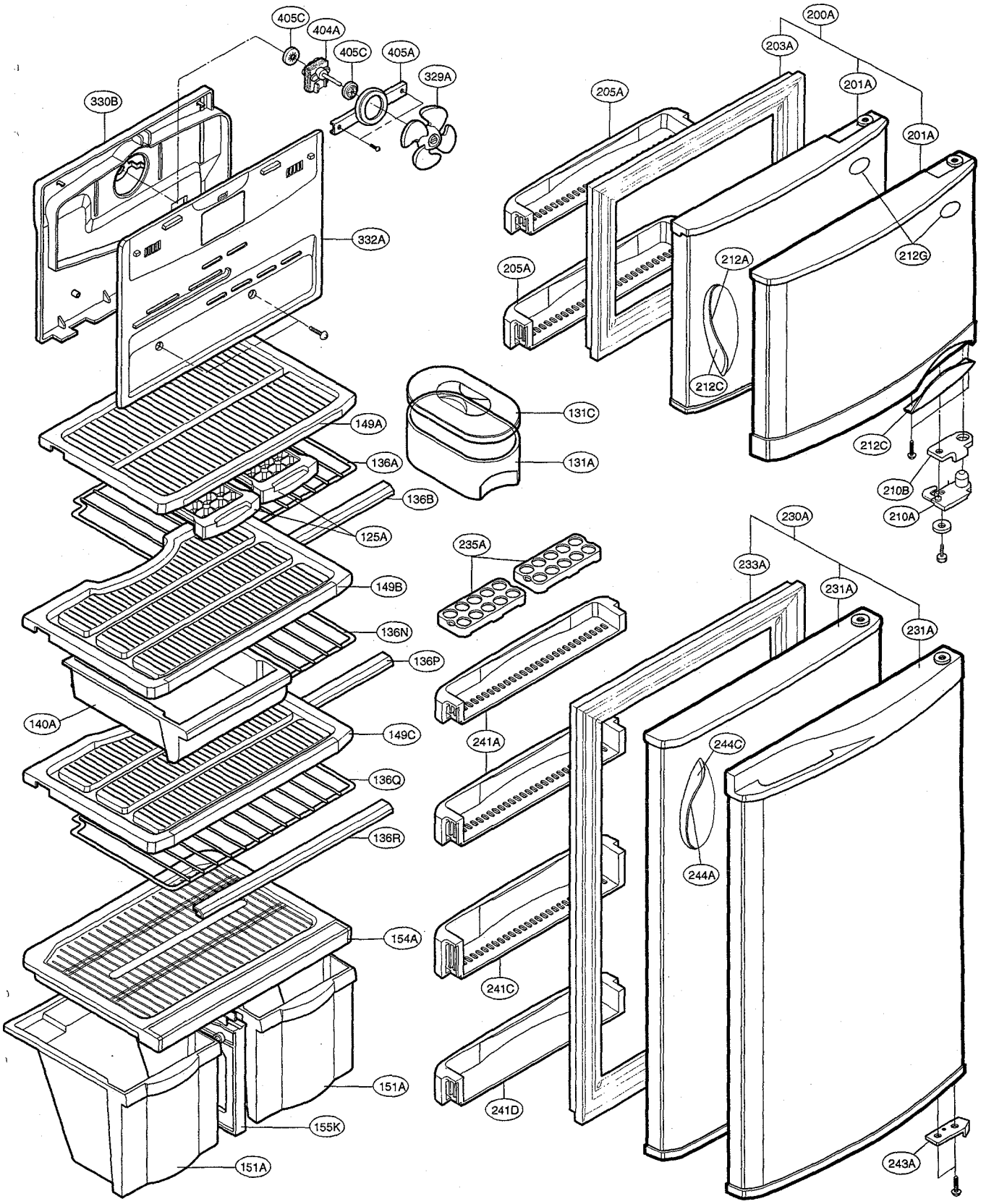
▼ **General Control of Refrigerating Cycle**

NO.	ITEMS	CONTENTS AND SPECIFICATIONS	REMARKS
1	WELDING ROD	(1) H 30 • Chemical Ingredients Ag: 30%, Cu: 27%, Zn: 23%, Cd: 20% • Brazing Temperature: 710~840°C (2) Bcup-2 • Chemical Ingredients Cu: About 93% P: 6.8~7.5% The rest: within 0.2% • Brazing Temperature: 735~840°C	• Recommend H34 containing 34% Ag in the Service Center.
2	FLUX	• Ingredients and how to make Borax 30% Borax 35% Fluoridation kalium: 35% Water: 4% Mix the above ingredients and boil until they are transformed into liquid.	• Make amount for only a day. Holding period: 1 day • Close the cover of container to prevent dust putting in the FLUX. • Keep it in a stainless steel container.
3	DRIER ASM	(1) Assemble the drier within 30min. after unpacking. (2) Keep the unpacked drier at the temperature of 80~100°C.	• Don't keep the drier in a outdoor because humidity damages to it.
4	VACUUM	(1) When measuring with pirant Vacuum gauge of charging M/C, vacuum degree is within 1 Torr. (2) If the vacuum degree of the cycle inside is 10 Torr. below for low pressure and 20 Torr. for high pressure, it says no vacuum leakage state. (3) Vacuum degree of vacuum pump must be 0.05 Torr. below after 5 min. (4) Vacuum degree must be same to the value described item (2) above for more than 20 min.	• Apply M/C Vacuum Gauge without fail. • Perform vacuum operation until a proper vacuum degree is built up. • If a proper vacuum degree isn't built up, check the leakage from the Cycle Pipe line part and Quick Coupler Connecting part.
5	DRY AND AIR NITROGEN GAS	(1) The pressure of dry air must be more han 12~16Kg/cm^2 (2) Temperature must be more than -20~-70°C. (3) Keep the pressure to 12~6Kg/cm^2 also when substituting dry air for Nitrogen Gas.	
6	NIPPLE AND COUPLER	(1) Check if gas leaks with soapy water. (2) Replace Quick Coupler in case of leakage.	• Check if gas leaks from connecting part of Coupler.
7	PIPE	• Put all Joint Pipe in a clean box and cover tightly with the lid so that dust or humidity is not inserted.	

7. EXPLODED VIEW

▼ The parts of refrigerator and the shape of each part are subject to change in different localities.
▼ Capacitors and fuse are optional parts.




405C
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212C
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131C
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136A
136B
125A
149B
136N
136P
140A
149C
136Q
136R
154A
151A
155K
151A
235A
230A
233A
231A
231A
241A
244C
244A
241C
241D
243A

REPLACEMENT PARTS LIST RUN-DATE:98-02-19

BUYER NAME:LGEDG MODEL NAME:GR-572TVF LG REFERENCE NO:GR-572TVF SKQLGD
COLOR:SILKY GREY

S	AL	LOCA.NO	PART NO(LG)	DESCRIPTION	SPECIFICATION	REMARK
		103A	3650JA2003A	HANDLE,BACK	J271-00005 2-HEAD SILKY GREY P	
		103B	3650JA2003B	HANDLE,BACK	J271-00005 2-HEAD SILKY GREY P	
		103C	3550JA1005A	COVER,LOWER	45-2JT SK	
		104A	4779JA2002A	LEG ASSY	42-53 SCP1 157MM 47MM	
		105A	5251JA3001A	DRAIN ASSY,PIPE-Z	R-B42,46	
		106A	4779JA2003A	LEG ASSY,ADJUST	42-68 PEH 54MM 45MM	
		110A	6930JB1003A	THERMOSTAT	GR-00	
		110B	3550JA1034D	COVER,THERMO	R-B42,46 U/WH	
		110C	4940JD1001F	KNOB,THERMO	U/WH LM-W9801 ABS(HG-173) 98(L	
		120A	4995JA1007G	CONTROL BOX ASSY,R	532-57 STD U/WH(98)	
		120B	4994JD1025C	CONTROL BOX,R	JA0001 U/WH GR-532,572(LG)	
		120C	4940JA2004F	KNOB,DAMPER	R-B42-67 MIPS U/WH	
		125A	3390JD1001T	TRAY,ICE	JA1039 U/WH (D,LG)	
		129A	4974JA1016D	GUIDE,DUCT	R-B42,46B U/WH(98)	
		131A	5074JA3017D	BANK,ICE	U/WH - MIPS J456-4	
		131C	3550JA3069B	COVER,BANK ICE	CRYSTAL GPPS GR-522	
		140A	3390JD1012F	TRAY,MEAT	JA1037 C/ST GR-572(LG)	
		149A	5026JD1005A	SHELF,F	JA1042 C/ST 97(D,LG)	
		149B	5027JA2014A	SHELF ASSY,R	GR46-2KD C/ST(97)	
		149C	5026JD1005B	SHELF,F	JA1035 C/ST 97(D,LG)	
		151A	3390JD1032B	TRAY,VEGETABLE	JA1002 C/ST GR-532,572(LG)	
		151E	4975JA2001T	GUIDE ASSY,RAIL	L R-B42,46(98) U/WH	
		151F	4975JA2001F	GUIDE ASSY,RAIL	R R-B42,46(98) U/WH	
		154A	3551JA2002M	COVER ASSY,T/V	GR-532,572 C/ST(U/WH)	
		155K	4981JA2001F	SUPPORTER ASSY,COVER-T/V	PP SACHUL 42,46	
		158A	3550JA2034A	COVER,LAMP	(-F) GR42-63	
		158C	3550JA1041A	COVER,LAMP	GR42-GR68	
		158D	4931JA1003J	HOLDER ASSY,LAMP	GR-532,572 220-240/50 FIR ZZ	
		158E	6621JB2002B	SOCKET ASSY	220V - 240V 50HZ FIR CAPA	
		200A	3581JA8208J	DOOR ASSY,F	572TVF TAL SK JA0004	
		201A	5433JA8196J	DOOR FOAM ASSY,F	572TVF TAL SK JA0008	
		203A	4987JA1017R	GASKET ASSY,DOOR	F-DOOR R-42,46	
		205A	5004JD1090D	BASKET,DOOR	5004JA1011 C/ST GR-532,572 98(	
		210A	J325-00032A	STOPPER,DOOR	POM SOJI	
		210B	J325-00033A	GUIDE,STOPPER	SCP1 T3.2 FZMW2	
		212A	3650JA1016A	HANDLE,F	53-2VCM	
		212C	3650JA1018B	HANDLE,DECO	F,97VCM,SKIN GOLD	
		212G	3846JD1003F	MARK	96MARK ASM(LG)	
		230A	3581JA8209G	DOOR ASSY,R	532-57 SK VCM NK JA0003	
		231A	5433JA8197G	DOOR FOAM ASSY,R	532-57 SK VCM NK JA0009	
		233A	4987JA1017S	GASKET ASSY,DOOR	R-DOOR R-42,46	
		235A	3390JA2012B	TRAY,EGG	97 GR42,46-2	
		241A	5004JD1090E	BASKET,DOOR	5004JA1011 C/ST GR-532,572 98(	
		241C	5004JD1091B	BASKET,DOOR	5004JA1009 C/ST GR-532,572(LG)	
		241D	5004JD1031F	BASKET,DOOR	JA1010 C/ST GR-532,572 98(LG)	
		243A	4620JA3001A	STOPPER,DOOR	GR45 48 52-2,T2.3(SCP1)	
		244A	3650JA1017A	HANDLE,R	`97VCM	
		244C	3650JA1019B	HANDLE,DECO	R,97VCM,SKIN GOLD	
		281A	3550JA2010A	COVER,HINGE	SILKY GREY UPPER PP 3550JA2010	
		281B	4775JA2001D	HINGE ASSY,U	SCP1 3.2MM	
		282B	J334-00083A	HINGE ASSY,C	SCP1 3.2 J345-00023 C-PJT,R-	

REPLACEMENT PARTS LIST

RUN-DATE:98-02-19

BUYER NAME:LGEDG MODEL NAME:GR-572TVF LG REFERENCE NO:GR-572TVF SKQLGD

COLOR:SILKY GREY

S	AL	LOCA.NO	PART NO(LG)	DESCRIPTION	SPECIFICATION	REMARK
		283B	4775JA1002F	HINGE ASSY,L	SCP1 3.2 NO KIGAE(FZMY2)	
		283D	4980JA2017B	BRACKET,HINGE	SCP1 T3.2MM FZMCY1 NO	
		301A	5421JA0003G	EVAPORATOR ASSY	GR-532,572 240V HOOK	
		303A	4826JA2001B	SPACER,INSULATION	R-B50/67	
		303B	4J04321C	SPACER,INSULATION	GR38/42-2	
		304A	3551JA1007C	COVER,BACK-M/C	GR42,46-2(97)(Y,Y)	
		307A	2521C-B7520	RE-COMPRESSOR,ASSY	V75LAEGC2 QREF	
		308A	6748C-0003B	P.T.C,ASSY	P470MC	
		309A	6750C-0005E	O.L.P	4TM283NFBYY-520	
		310A	3550JA2042A	COVER,PTC	NS,V,VD-COMP LUPOX TI	
		312A	5040JA3021A	RUBBER,SEAT	EPDM HS60	
		314A	4J03277A	STOPPER	T0.7	
		315A	3103JA0001A	COMP BASE ASSY	GR42/46	
		315B	4580JA2002A	ROLLER	'97 MDL	
		315C	4J04238A	ROLLER PIN	GR-00	
		317A	J700-00104C	DRIER	C1220T HFC DANMAL XH-7 15GR 13	
		318A	4930JA3034A	HOLDER,DRIER	CFC FREE M/S 12G	
		319A	3390JA1043A	TRAY	TRAY DRIP GR42,46	
		319C	4974JA1013A	GUIDE,FAN	97 GR42,46	
		323B	5403JA1008A	CONDENSER ASSY,WIRE	GR-532/572/602	
		328A	4J03020A	RUBBER,DAMPING	RUBBER,S NR H27 D20 HS57 10G	
		328B	J756-00003A	RUBBER,DAMPING	RUBBER,M NR H27 D27 HS57 25G	
		329A	J753-00011A	FAN ASSY	110 4BLADE 3.2 PAN SPRING -	
		329C	J753-00011A	FAN ASSY	110 4BLADE 3.2 PAN SPRING -	
		330B	4999JA1007C	SHROUD ASSY,F	GR46,42-2(97)	
		332A	3531JA1009R	GRILLE ASSY,FAN	532,572 U/WH	
		401A	6615JB2002A	CONTROL ASSY,DEF	GR-00 * -4/13 L1:200	
		404A	4680JB1019T	MOTOR(MECH),FAN	240 110 2200 MOLD 3.17 28 550	
		405A	4810JA3007A	BRACKET,MOTOR	GR-00(97)	
		405C	J756-00008B	RUBBER,MOTOR-N	GR-00 CR	
		406B	6600JB1002K	SWITCH,PUSH	PS100-12 PARK ELEC LG(61)-E-80	
		407A	5300JB1021B	HEATER,PLATE-ETC	GR42,46-2 240V 63W	
		409A	6912JB2002F	LAMP,VACCUM	T25/L60 K.E.I 240V 15W CLEAR	
		409B	6912JB2001G	LAMP,VACCUM	S35 K.E.I 240V 30W CLEAR	
		409C	J791-00010A	LAMP,FIR	T22/L60(COATING) K.E.I 240V 10	
		410A	4810JA2005A	BRACKET	GR41-267-2	
		410C	6914JB2001B	TIMER,DEF	200-240V 50,60HZ 6HR35MIN SANK	
		411A	J520-00032G	POWER CORD ASSY	C-4 H05VV-F 0.75 24/0.2 GR13-2	
		416A	J523-00011C	TERMINAL (CIRC),BLOCK	UL,VDE	
		418A	5300JB1018A	HEATER,CORD-L	GR41,45-2 240V 165W NO	
		420A	4680JB1017M	MOTOR(MECH),COOLING	240 110 1800 N/MOLD 3.17 37 24	
		604E	4756JA3001G	DEODORANT	30MM 7MM 100MM GR-532-892	
		604G	3550JA1054A	COVER,DEODORIZER	98 SVC TYPE	

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